Index of Claims

| Appl | ication | /Contr | ol No. |
|------|---------|--------|--------|
|------|---------|--------|--------|

09/981,145 Examiner

Paul M. West

Applicant(s)/Patent under Reexamination

DACOSTA ET AL.

Art Unit

2856

| √ | Rejected |
|----------|----------|
| II | Allowed |

| ı | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

| Z | Non-Elected |
|---|--------------|
| _ | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| Cla | im | L | | |] | Dat | <u>e</u> | | | _ | Cli | aim | | | | Date | 2 | | | _ | Claim | | | | | | Date | | | | |
|----------|----------|----------|---------------|----------|--|----------|--|--|--|----------|------------|----------|---|----------|--------------|--------------|--|-----------------|----------|----------|----------|------------|-----------------|----------|---------|---------|-------------------|------------------|--|--|--|
| Final | Original | 8/4/06 | | | | | | | : | | Final | Original | | | | | | | | | Final | Original | | | | | | | | | |
| | 1 | = | 1 | | | | | | H | ┪ | | 51 | Ħ | 1 | 1 | 1 | | П | \neg | \dashv | | 101 | | \top | 1 | + | | \dashv | | | |
| | 2 | 1 | | | | | | | П | ╗ | | 52 | | | | | | | \neg | 7 | | 102 | | T | 1 | 1 | | \dashv | | | |
| | 3 | | | | | | | | | | | 53 | | | | | | П | | | | 103 | | Ť | Ţ | | | \neg | | | |
| | 4 | П | | | | | | | | | | 54 | | | | | | | | | | 104 | | | L | L | | | | | |
| | 5 | Ц | $oxed{oxed}$ | | | | | | | | | 55 | | | | | | | | | | 105 | | | | | | \Box | | | |
| | 6 | Ш | ļ | | | _ | | | Ц | _ | | 56 | | | _ | L | | Ш | \perp | _ | | 106 | | | | \perp | Ш | \perp | | | |
| | 7 | 11 | _ | <u> </u> | | ļ | ļ | | \sqcup | 4 | <u> </u> | 57 | \Box | _ | _ | <u> </u> | <u> </u> | | | 4 | ļ | 107 | \Box | _ _ | ↓ | 1 | Ш | _ | | | |
| | 8 | # | ┞ | <u> </u> | | | ļ | _ | $\vdash \vdash$ | 4 | | 58 | | _ | 1 | <u> </u> | _ | \sqcup | | 4 | <u> </u> | 108 | | - | ↓_ | ╄- | \vdash | \dashv | | | |
| | 10 | ₩ | \vdash | <u> </u> | <u> </u> | ├ | ├ | ├- | \vdash | - | | 59 60 | - | | + | _ | \vdash | \vdash | - | 4 | - | 109 | | - | +- | ╀ | \vdash | \dashv | | | |
| - | 11 | ₩ | \vdash | - | - | | ├ | H | \vdash | | - | 61 | - | | + | ┢ | H | \vdash | | - | - | 110 | \vdash | + | +- | ╁ | \vdash | \dashv | | | |
| - | 12 | # | | \vdash | \vdash | - | \vdash | | \vdash | \dashv | - | 62 | \vdash | \dashv | + | \vdash | \vdash | $\vdash \vdash$ | | \dashv | - | 112 | $\vdash \vdash$ | ┿ | + | + | \vdash | \dashv | | | |
| — | 13 | ╫ | | - | | ┢ | \vdash | Н | $\vdash \vdash$ | \dashv | — — | 63 | \vdash | \dashv | + | \vdash | H | \vdash | \dashv | \dashv | - | 113 | \vdash | + | + | + | \vdash | \dashv | | | |
| | 14 | tt | 1 | H | H | 1 | H | H | \vdash | \dashv | <u> </u> | 64 | \vdash | \dashv | + | \vdash | | \vdash | - | \dashv | | 114 | - | + | + | + | + | \dashv | | | |
| | 15 | Ħ | | H | <u> </u> | 1 | | | \vdash | \dashv | - | 65 | \vdash | \dashv | \top | \vdash | \vdash | $\vdash \vdash$ | \dashv | \dashv | | 115 | | + | \top | T | H | \dashv | | | |
| | 16 | H | | | | | t | | | \neg | | 66 | | _ | 1 | | | П | | 7 | | 116 | Ħ | \top | T | 1 | H | \neg | | | |
| | 17 | Ħ | | | | Г | Г | | \Box | 7 | | 67 | \Box | | T | | | | \neg | | | 117 | | \neg | ✝ | \top | П | T | | | |
| | 18 | π | | | | | | | | | | 68 | | | T | | | | | | | 118 | | \top | \top | \top | П | \exists | | | |
| | 19 | W | | | | | | | П | | | 69 | | | | | | | | | | 119 | | | 1 | 1 | | | | | |
| | 20 | | | | | | | | | | | 70 | | | | | | | | | | 120 | | | Τ | \Box | | | | | |
| | 21 | | | | | | | | | | | 71 | | | | | | | | | | 121 | | | \perp | | | | | | |
| | 22 | _ | $oxed{oxed}$ | | | | <u> </u> | | Ш | _ | | 72 | \Box | | L | <u> </u> | | | | _ | | 122 | | Ш. | ┸ | ┸ | Ш | | | | |
| | 23 | <u> </u> | L | | | _ | _ | | Ш | _ | | 73 | Ц | _ | ╀ | <u> </u> | <u> </u> | | \perp | 4 | | 123 | | | \perp | \perp | Ш | _ | | | |
| | 24 | ┞ | \perp | _ | ļ | L_ | <u> </u> | <u> </u> | \sqcup | 4 | <u> </u> | 74 | \dashv | | ╄ | ↓_ | L. | Ш | \dashv | 4 | ļ | 124 | | _ | +- | ↓ | | _ | | | |
| | 25 | ⊢ | | | _ | <u> </u> | ├ | | \vdash | 4 | - | 75 | \dashv | | + | ⊢ | | \vdash | _ | 4 | | 125 | \perp | | +- | ╁ | | | | | |
| | 26 | ⊢ | ⊢ | <u> </u> | | - | ├- | _ | \vdash | 4 | - | 76 77 | | | + | ├- | _ | $\vdash \vdash$ | \dashv | - | | 126 | | 4- | +- | ┼ | | | | | |
| | 27 28 | ┢ | H | | | | ├ | - | \vdash | - | - | 78 | \dashv | + | ╀ | - | - | Н | \dashv | - | | 127 | \vdash | | ╀┈ | ╀ | ┥ | \dashv | | | |
| - | 29 | \vdash | - | \vdash | - | ⊢ | ├ | - | \vdash | \dashv | - | 79 | \vdash | | ╁ | ┼ | ┝ | H | \dashv | \dashv | | 128 129 | | \dashv | ╁ | ╁ | \vdash | \dashv | | | |
| - | 30 | ╁ | \vdash | - | | - | ┢ | | \vdash | - | _ | 80 | \dashv | + | ╁ | ╫ | - | Н | \dashv | \dashv | - | 130 | \vdash | ┰ | ╁ | ╁╌ | \vdash | \dashv | | | |
| | 31 | ╁╴ | +- | - | H | H | ╫ | \vdash | \vdash | ┥. | | 81 | \vdash | + | ╁╴ | ╁ | ┝ | Н | - | \dashv | - | 131 | | | +- | ╁╌ | ╁╾┤ | - | | | |
| | 32 | ✝ | 1 | _ | ┢ | T | T | \vdash | \vdash | \dashv | | 82 | | \dashv | T | 1 | | H | | | | 132 | | \top | 十 | + | \vdash | \dashv | | | |
| | 33 | 1 | 1 | <u> </u> | Т | T | \vdash | T | \sqcap | \dashv | | 83 | \vdash | \dashv | T | 1 | T | \vdash | _ | \dashv | | 133 | \vdash | \top | T | T | $\dagger \dagger$ | 寸 | | | |
| | 34 | | | | Г | | | | П | \neg | | 84 | | \dashv | 1 | | | | | \dashv | | 134 | \Box | \top | \top | \top | T | $\neg \uparrow$ | | | |
| | 35 | | | | | | | | | | | 85 | | | \perp | | | | | | | 135 | | | Ι | Ι | | \Box^{\dagger} | | | |
| | 36 | | | | | | | | | | | 86 | | | $oxed{\Box}$ | | | | | | | 136 | | I | Ι | Ι | | | | | |
| | 37 | | 匚 | | | | | 匚 | \Box | \Box | | 87 | | | | | | | | | | 137 | | | | | | \Box | | | |
| | 38 | L | _ | L | L | _ | <u> </u> | <u> </u> | Ш | \Box | | 88 | Ц | | | _ | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш | | _ | | 138 | \coprod | Ţ | | \perp | \Box | \Box | | | |
| L | 39 | _ | _ | <u> </u> | | _ | oxdot | <u> </u> | Щ | _ | | 89 | Ш | \perp | \perp | $oxed{oxed}$ | L | Ш | \Box | \Box | | 139 | | \perp | | | \sqcup | [| | | |
| | 40 | \vdash | \vdash | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | \sqcup | _ | | 90 | Ц | | ļ | <u> </u> | <u> </u> | Ш | | _ | | 140 | $\sqcup \bot$ | \bot | 1 | \perp | \sqcup | | | | |
| <u> </u> | 41 | 1 | ₩ | ⊢ | <u> </u> | <u> </u> | | <u> </u> | $\vdash \vdash$ | _ | | 91 | \sqcup | + | +- | <u> </u> | <u> </u> | Ш | \Box | _ | - | 141 | $\sqcup \bot$ | 4 | +- | \perp | \sqcup | | | | |
| — | 42 | ⊢ | \vdash | \vdash | — | | \vdash | \vdash | $\vdash \vdash$ | _ | - | 92 | $\vdash \vdash$ | _ | +- | ╀ | ļ | Н | \dashv | 4 | | 142 | $\vdash \vdash$ | + | + | + | \vdash | \dashv | | | |
| - | 43 44 | ┝ | ╀ | ├ | ├ | \vdash | ⊢ | \vdash | \mapsto | \dashv | - | 93 | $\vdash \vdash$ | \dashv | + | \vdash | ├ | Н | | 4 | - | 143 | - | + | +- | + | \vdash | \dashv | | | |
| - | 45 | ⊢ | ╀ | \vdash | | ├ | | - | \vdash | \dashv | <u> </u> | 94 95 | \vdash | + | +- | ┼ | - | Н | \dashv | 4 | - | 144 | $\vdash \vdash$ | + | +- | + | \vdash | $\vdash \vdash$ | | | |
| \vdash | 46 | ┝ | \vdash | ⊢ | ├- | \vdash | ⊢ | ├ | Н | \dashv | \vdash | 96 | $\vdash \vdash$ | | + | \vdash | ⊢ | \vdash | \dashv | | - | 145 146 | $\vdash \vdash$ | + | ╀ | ╀ | \vdash | \dashv | | | |
| - | 47 | +- | + | ├- | \vdash | \vdash | ┢ | ┢ | \vdash | \dashv | - | 97 | $\vdash \vdash$ | - | ╁ | ╁╌ | ├- | Н | \dashv | \dashv | - | 147 | $\vdash \vdash$ | +- | +- | + | $\vdash\vdash$ | \vdash | | | |
| - | 48 | \vdash | \vdash | - | \vdash | \vdash | \vdash | \vdash | \vdash | \dashv | - | 98 | $\vdash \vdash$ | + | + | \vdash | - | Н | - | \dashv | | 148 | $\vdash \vdash$ | ╁ | ╁ | ╁ | \vdash | \vdash | | | |
| <u> </u> | 49 | \vdash | ╁╴ | - | | \vdash | \vdash | \vdash | \vdash | \dashv | | 99 | \vdash | \dashv | ┿ | +- | \vdash | Н | \dashv | \dashv | - | 149 | $\vdash \vdash$ | + | + | ╁ | + | | | | |
| \vdash | 50 | T | H | \vdash | 一 | ┢ | | 1- | \vdash | \dashv | | 100 | \vdash | + | + | \vdash | | \vdash | \dashv | \dashv | | 150 | -+ | + | + | + | \vdash | \dashv | | | |
| | , ,, | ٠ | — | Щ | _ | _ | | ь | ــــــــــــــــــــــــــــــــــــــ | | L | , . 55 | بليــــــــــــــــــــــــــــــــــــ | | | 1 | | لب | ш | | | 1 100 | | | | | 1 | | | | |